

## QGIS Application - Bug report #9924

### gdal\_merge does not work

2014-03-28 05:00 AM - Paolo Cavallini

<b>Status:</b>	Closed	
<b>Priority:</b>	High	
<b>Assignee:</b>	Victor Olaya	
<b>Category:</b>	Processing/Core	
<b>Affected QGIS version:</b>	2.2.0	<b>Regression?:</b> No
<b>Operating System:</b>		<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	No	<b>Resolution:</b> up/downstream
<b>Crashes QGIS or corrupts data:</b>	No	<b>Copied to github as #:</b> 18435
<b>Description</b>		
<p>In GDAL 1.10.1 gdal_merge.py was renamed to gdal_merge. As a consequence, both GDALTools and Processing corresponding commands do not work.</p> <p>This may affect other GDAL commands.</p>		

#### History

##### #1 - 2014-03-28 05:10 AM - Paolo Cavallini

- Priority changed from Normal to High

##### #2 - 2014-03-28 06:25 AM - Alexander Bruy

Hmm... as I can see in sources it still listed as gdal\_merge.py (<http://trac.osgeo.org/gdal/browser/tags/1.10.1/gdal/swig/python/scripts>)

##### #3 - 2014-03-28 06:27 AM - Paolo Cavallini

```
$ dpkg -L python-gdal | grep merge
/usr/share/man/man1/gdal_merge.1.gz
/usr/share/doc/python-gdal/examples/gdal_vrtmerge.py.gz
/usr/share/doc/python-gdal/examples/hsv_merge.py.gz
/usr/bin/gdal_merge
```

##### #4 - 2014-03-28 06:33 AM - Alexander Bruy

Maybe it was renamed in Debian? Just checked packages in Slackware, Fedora and OpenSuSE: they all have gdal\_merge.py not gdal\_merge

##### #5 - 2014-03-28 07:09 AM - Bas Couwenberg

The Debian package indeed strips the .py extension to conform to the Debian Policy ([10.4 Scripts](#)).

It's a "should" requirement, so we could chose to not strip the extension and just add a lintian override to not have it complain about this issue, but I'd prefer to support both variants in QGIS. Checking the file with and without extension shouldn't require much code.

##### #6 - 2014-03-28 07:12 AM - Etienne Tournigny

Indeed, in ubuntu 12.04 it is installed as gdal\_merge.py.

Are there any other gdal/ftools tools that use python scripts? These would require the same fix in this case.

**#7 - 2014-03-28 07:17 AM - Alexander Bruy**

Etienne Tourigny wrote:

| *Are there any other gdal/ftools tools that use python scripts? These would require the same fix in this case.*

There are several tools in GDALTools plugin and in Processing. I'll try to update them ASAP

**#8 - 2014-03-28 04:27 PM - hamish -**

could the qgis code be made flexible to search for 'script.py' || 'script'?  
having the debian package make an extra symlink seems too ugly to consider.

thanks,  
Hamish

**#9 - 2014-04-01 03:15 PM - Bas Couwenberg**

The GDAL plugins in QGIS heavily rely on the .py extension, so I think the best course of action is to revert the change in the GDAL Debian package.

Ubuntu trusty has gdal 1.10.1+dfsg-3, and because they're in pre-release freeze unlikely to sync gdal 1.10.1+dfsg-5 once it's available in Debian. Although they may consider it if asked about it explicitly.

**#10 - 2014-04-02 11:38 PM - Bas Couwenberg**

I've reverted the change that strips the .py extension in the gdal package for Debian, now available in unstable.

I've also filed a sync request for Ubuntu trusty: <https://bugs.launchpad.net/ubuntu/+source/gdal/+bug/1301763>

**#11 - 2014-04-08 11:06 AM - Bas Couwenberg**

The fixed gdal packages has migrated to Debian testing, and Ubuntu has synced the fixed package in time for Trusty.

From the distribution side this issue is fixed.

**#12 - 2014-04-08 12:34 PM - Paolo Cavallini**

- Status changed from Open to Closed  
- Resolution set to up/downstream

**#13 - 2015-06-07 04:31 AM - Giovanni Manghi**

- Category changed from 94 to Processing/Core